



Advancing a Data Sharing Culture

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Harte Research Institute
Texas A&M University – Corpus Christi

Why Share?

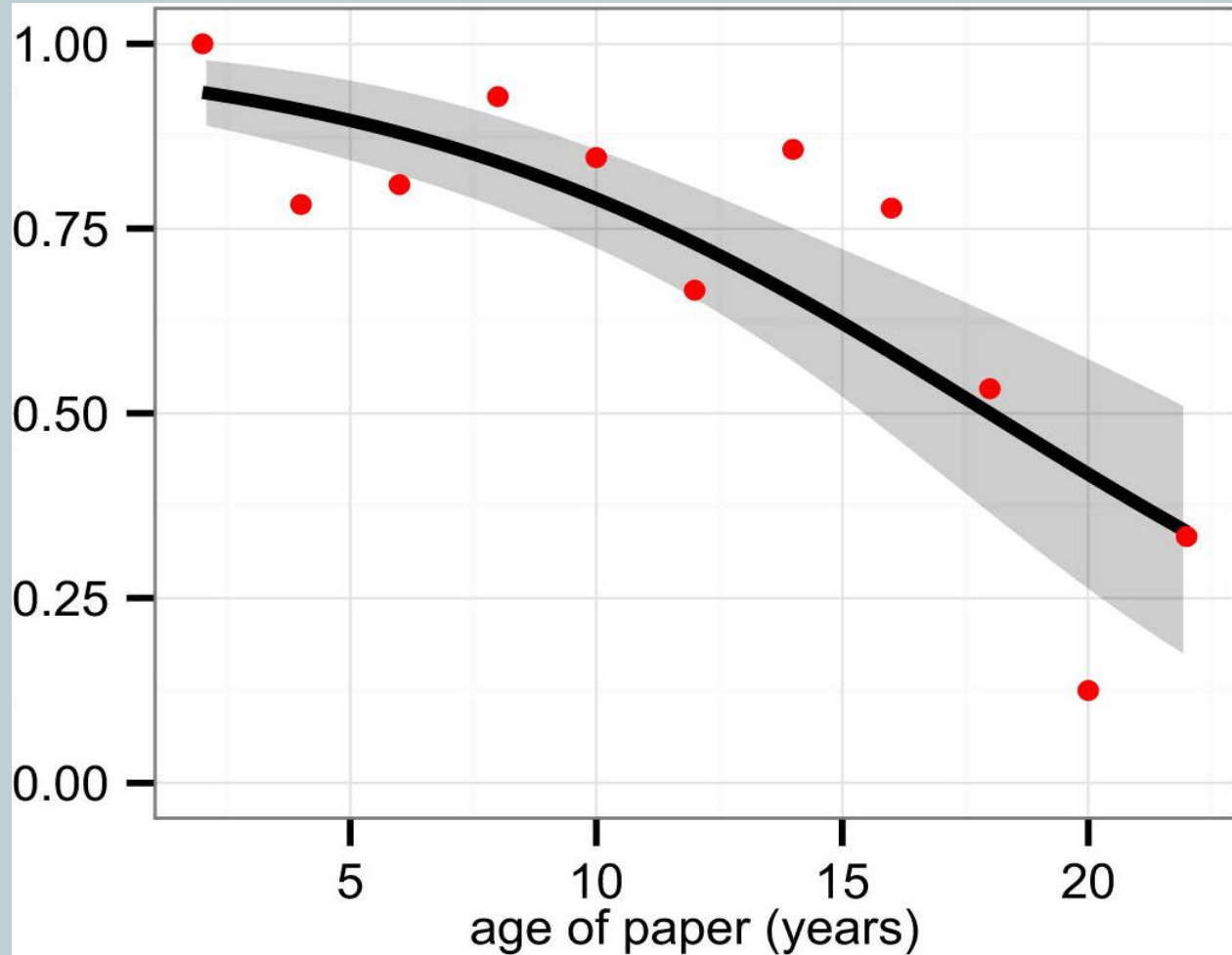


Some Scientific Communities Share Better than Others

- Emory University survey of researchers
 - Researchers who share data with outsiders:
 - Medical sciences.....25%
 - Social sciences.....30%
 - Arts and humanities.....35%
 - Basic sciences.....55% includes natural sciences,
field&lab studies
- Separate survey of University of Oxford researchers...56% *would* share

Data Longevity

Predicted probability that data exist given data holders provided useful reply to a request



From Vines et al., 2014

Current Biology 2014 24, 94-97DOI: (10.1016/j.cub.2013.11.014)

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Major Causes of Reduced Data Availability with Time

- General data loss
- Old storage media - Media deteriorates with time as well
- Ability to generate useful metadata decreases with time

Effective Data Sharing Occurs Early in Research

- Allows data acquisition planning and collaboration
- Improved metadata
- End product review more effective

Impediments to Sharing Data

- No credit for sharing – the major reason expressed in Emory and Oxford surveys
- Cost – 10 to 15% of research budget
- Time - How much time does it really take?
- Expertise



Motivating Sharing



- Required by funders
- Open data required at time of publication
- Academic institutions
- Data repositories create usable tools

GoMRI is Developing a Data Sharing Culture

- Providing an efficient service (GRIIDC)
 - Training and outreach
- Providing Credit
 - Assigning Digital Object Identifiers (DOI) to datasets
 - Stories
- Providing data-use statistics
- Public monitoring matrix
- Sharing required before publishing
- Sharing tied to funding

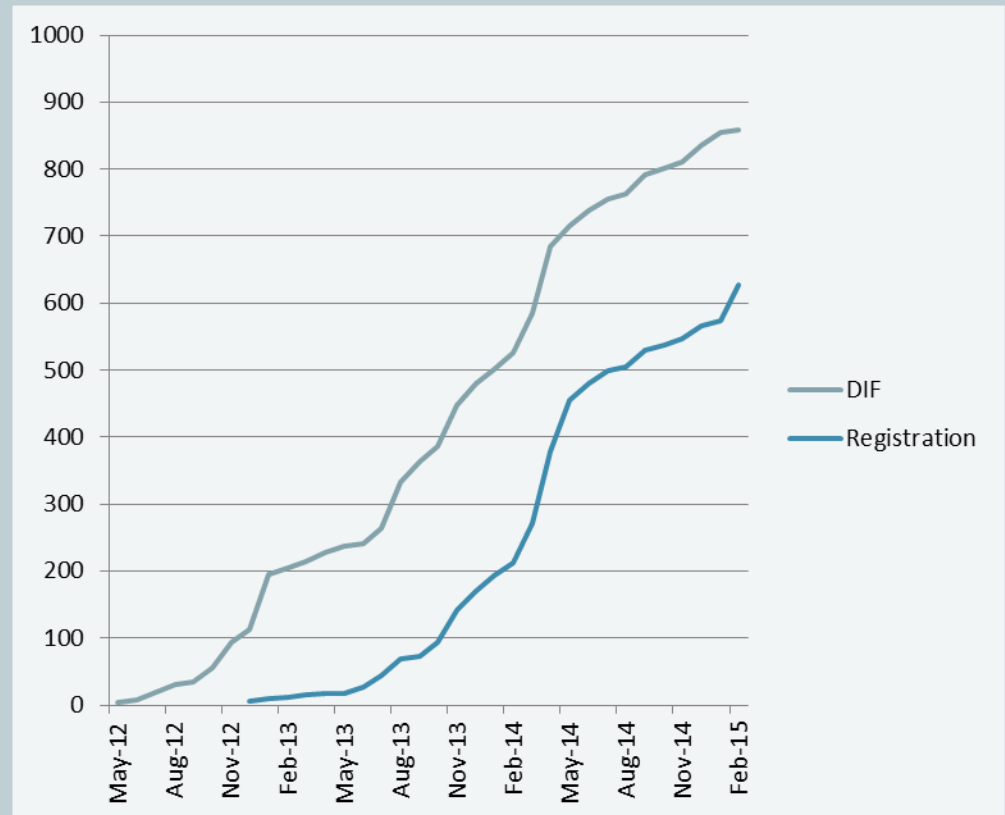
GoMRI Research Database

Summary Statistics of Holdings

(as of February 17, 2015)

Item	Count
Datasets identified	858
Datasets registered	627
DOIs issued	110
Projects	219
Researchers	2,751
Institutions	249
Countries	17

Records by Month



(more at: <https://data.gulfresearchinitiative.org/stats/>)

GRIIDC Data Discovery

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Filter Clear/Show All

Available (347) Available with Restrictions (81) Unavailable, Pending Review (110) Unavailable & Expected Soon (318)

- Carmichael, Ruth. 2015. [Biological and chemical data of oil-derived elements being assimilated by oysters due to the Deepwater Horizon Oil Spill collected in Alabama and Mississippi coastal waters \(NODC Accession 0118498\)](#). Recovery: Sentinel Macrofauna. [\[Show Details\]](#)
- Grubbs, Dean. 2015. [AP-1307 LonglineTrap](#). Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C). [\[Show Details\]](#) [Size: 695.5 KB]
- Grubbs, Dean. 2015. [AP-1312 LonglineTrap](#). Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C). [\[Show Details\]](#) [Size: 646.2 KB]
- Grubbs, Dean. 2015. [AP-1401 LonglineTrap](#). Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C). [\[Show Details\]](#) [Size: 29.8 KB]
- Grubbs, Dean. 2015. [SAB-1201 LonglineTrap](#). Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C). [\[Show Details\]](#) [Size: 454.2 KB]
- Grubbs, Dean. 2015. [WB-1118 LonglineTrap](#). Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C). [\[Show Details\]](#) [Size: 916.5 KB]
- Grubbs, Dean. 2015. [WB-1204 LonglineTrap](#). Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C). [\[Show Details\]](#) [Size: 38.4 KB]
- Grubbs, Dean. 2015. [WB-1215 LonglineTrap](#). Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C). [\[Show Details\]](#) [Size: 1 MB]

Filter by: Research Award ▾

- Year 5-7 Consortia Grants (RFP-IV)
- Year 3-5 Investigator Grants (RFP-II)
- Year 2-4 Consortia Grants (RFP-I)
 - Center for Integrated Modeling and Analysis of Gulf Ecosystems (C-IMAGE)
 - Coastal Waters Consortium (CWC)
 - Consortium for Advanced Research on Transport of Hydrocarbon in the Environment (CARTHE)
 - Consortium for the Molecular Engineering of Dispersant Systems (C-MEDS)
 - Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C)
 - Dispersion Research on Oil: Physics and Plankton Studies (DROPPS)

GRIIDC Dataset Landing Page

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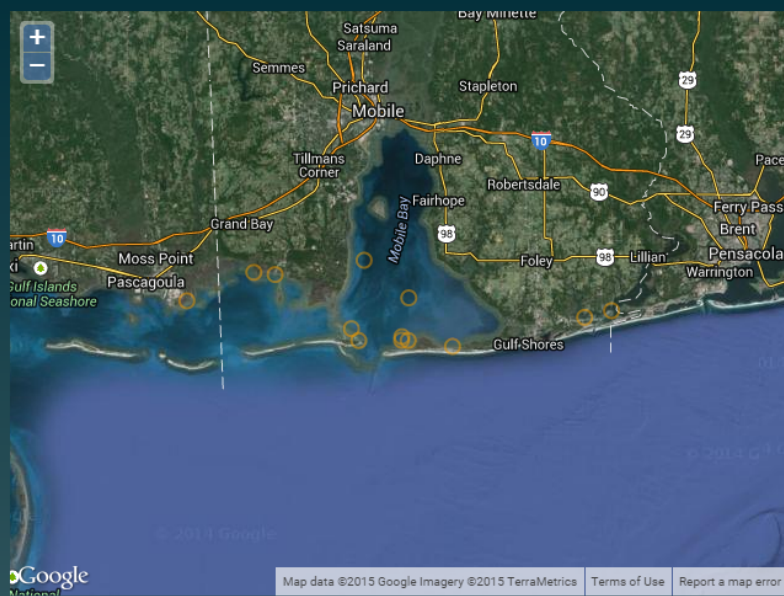
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Biological and chemical data of oil-derived elements being assimilated by oysters due to the Deepwater Horizon Oil Spill collected in Alabama and Mississippi coastal waters (NODC Accession 0118498)



UDI:

Y1.x027.000:0001

Dataset Originator:

Carmichael, Ruth

Point of Contact:

Carmichael, Ruth
Dauphin Island Sea Lab (DISL)

rcarmichael@disl.org

Identified	Registered	Metadata	Available
✓	✓	✓	✓

Details Metadata

GRIIDC Dataset Download

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UDI: Y1.x027.000:0001

Title: Biological and chemical data of oil-derived elements being assimilated by oysters due to the Deepwater Horizon Oil Spill collected in Alabama and Mississippi coastal waters (NODC Accession 0118498)

Originator: Carmichael, Ruth

Metadata: [Y1.x027.000-0001-metadata.xml](#)

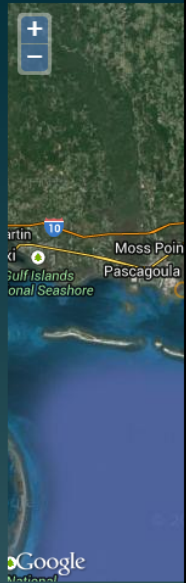
Location: <http://www.nodc.noaa.gov/cgi-bin/OAS/prd/accession/0118498>

To download this dataset, please use the location link above.

DISCLAIMER: The Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC) aggregates data from researchers funded by the Gulf of Mexico Research Initiative and other scientists working in the region. These data are furnished "as is" for the convenience of all data users. GRIIDC makes no warranties (including no warranties as to merchantability, timeliness or fitness) either expressed or implied with respect to the data or their fitness for any specific application. This particular dataset is not hosted directly by GRIIDC, so additional terms and conditions may be imposed by the hosting entity.

By using the link above, you agree to the GRIIDC terms in the above disclaimer.

Cancel



Details

Metadata

Conclusion

- Sharing scientific data is not universal, but the thought that sharing data is “ideally” the right thing to do, probably is widely held.
- We need to create a broad data sharing culture.
- It is going to cost money, more at first, but perhaps less as the culture develops.

GRIIDC Homepage



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626
DATASETS



250
INSTITUTIONS



219
PROJECTS



2,751
RESEARCHERS

GRIIDC Data Stories, News, & Updates

Showcasing how sharing data benefits the scientific
community & data management activities in the Gulf of
Mexico.



How to Submit Data



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How to Submit Data

The following 5 step process is used to submit datasets to the GRIIDC system. This process includes data management planning, dataset documentation, and the creation of a dataset citation device. You may be prompted to log in to the GRIIDC System before accessing the following submission tools.

Dataset Information Form

[Step 1: Identify the Dataset](#)

Dataset Submission Form

The GRIIDC Dataset Information Form (DIF) is a data management planning tool for both researchers and GRIIDC. DIFs should be completed soon after receiving GoMRI funding, during project planning and organization. DIFs are incorporated into the project Data Management Plan required by GRIIDC for GoMRI funded research projects. Information provided in the DIF will be used to pre-populate fields in subsequent steps of the dataset submission process.

ISO 19115-2 Metadata Editor

[Step 2: Submit & Register the Dataset](#)

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[Step 3: Create Metadata](#)

Metadata, or standard information about your data, is required for all datasets submitted to GRIIDC. Researchers are encouraged to use the GRIIDC ISO 19115-2

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Central Authentication Service (CAS)

Enter your Username and
Password

Username:

Password:

[Forgot Your Password or Password Expired?](#)

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User authentication is required to access these pages.

If you need to access GRIIDC pages and are not a registered user, please [request an account](#).

Texas A&M University–Corpus Christi

- Unauthorized use is prohibited.
- Usage may be subject to security testing and monitoring.
- Abuse is subject to criminal prosecution.
- No expectation of privacy except as otherwise provided by applicable privacy laws.

These warnings are required in accordance with Texas Administrative Code 202 as administered by the Texas Department of Information Resources. Reference Chapter 33, Texas Penal Code.

Account Request

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Account Management

Request a GRIIDC Account


Note: If you have forgotten your password, you may reset it at: <https://data.gulfresearchinitiative.org/account/password>


Currently, only GoMRI scientists, researchers, and data managers can request a GRIIDC account. No account is required for data download.


To verify your identity, please provide your email address (associated with GoMRI):



6300 Ocean Drive
Corpus Christi, TX
78412

 (361) 825-3604

 griidc@gomri.org

 @griidc

Log In

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Password Reset

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Reset Your Password

If you know your current password, and it has not yet expired, please [Log In](#) to change it.

If you have forgotten your password, or it has expired, we will send you a link to reset it.

Please enter the email address associated with your GRIIDC account:



6300 Ocean Drive
Corpus Christi, TX
78412



(361) 825-3604



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[@griidc](#)

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Dataset Information Form

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Dataset Information Form (DIF)

Dataset Information

NOTE: To create a new DIF, begin by selecting the project task title that you would like your dataset associated with from the drop down menu "Task Title". To load an existing DIF, left click the dataset tile found in the "Datasets" list in the right hand panel. The red asterisk (*) is used to indicate required fields. Once a DIF is submitted, it will be locked to prevent additional changes. Please contact gridc@gomri.org with the dataset Unique Dataset Identifier (UDI) if you require additional assistance with the completion of this form.

* Task Title:

[PLEASE SELECT A TASK] ▾



* Dataset Title:

Dataset Title (200 Character Maximum)



* Primary Point of Contact:

[PLEASE SELECT TASK FIRST] ▾



Secondary Point of Contact:

[PLEASE SELECT TASK FIRST] ▾



* Dataset Abstract:

Please provide a brief narrative describing: what, where, why, how, and when the data will be or have been collected/generated? (4000 Character Maximum)



Legend: ✖ Open - ⚠ Submitted - ✔ Approved - 📁 Task - 📁 Task Without Datasets

Datasets

- 📁 Air Sea Interface: Observations - LASER (RFP-IV)
- 📁 Air Sea Interface: Observations - SOPYS (RFP-IV)
- 📁 Air Sea Interface: Observations - SUSTAIN Lab (RFP-IV)
- 📁 Directed Field and Laboratory Experiments (RFP-I)
 - ✔ [R1.x134.073:0003] CARTHE Benthic and Water Column Sampling Cruise 2012
 - ✔ [R1.x134.073:0004] CARTHE GLAD experiment SPOT drifters
 - ✔ [R1.x134.073:0005] CARTHE GLAD experiment CTD casts
 - ✔ [R1.x134.073:0006] CARTHE GLAD experiment shipboard measurements
 - ✔ [R1.x134.073:0008] CARTHE summer 2013 near-shore experiment
 - ✔ [R1.x134.073:0009] CARTHE laboratory air-sea interaction experiments
 - ✔ [R1.x134.073:0010] Historical stable carbon isotope (d13C) data from bottom sediments in the Gulf of Mexico
 - ✔ [R1.x134.073:0011] CARTHE: Sea-surface slope measurements from polarized imagery during the GLAD experiment in the northern Gulf of Mexico (July 2012)
 - ✔ [R1.x134.073:0012] CARTHE: Surface drifters launched near the Hercules 265

Dataset Information Form

Identify a National Data Archive for your Dataset, if applicable:

- National Oceanographic Data Center
- US EPA Storet
- Global Biodiversity Information Facility
- National Center for Biotechnology Information
- Data.gov Dataset Management System

Others:

Will this dataset include any data governed under the IRB or HIPAA, or data with other ethical issues?

- No
- Yes
- Uncertain

If yes or uncertain, please explain:


Remarks:


Save and Continue Later


Save and Submit to GRIIDC

Reset Form



 6300 Ocean Drive
Corpus Christi, TX
78412

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 griidc@gomri.org

 @griidc

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Dataset Information Form

[Step 1: Identify the Dataset](#)

Dataset Submission Form

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ISO 19115-2 Metadata Editor

[Step 2: Submit & Register the Dataset](#)

DOI Request Form

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[Step 3: Create Metadata](#)

Metadata, or standard information about your data, is required for all datasets submitted to GRIIDC. Researchers are encouraged to use the GRIIDC ISO 19115-2

Dataset Submission & Registration

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Dataset Submission Form

NOTE: If you have a Dataset Information Form record submitted, click on the dataset in the right panel to extract the information needed for dataset registration. The red asterisk (*) is used to indicate required fields. If you require assistance in completing this form, do not hesitate to contact GRIIDC (email: griidc@gomri.org).

Dataset Information Header

Registry Identifier:

Retrieve Registration

* Dataset Title:

* Dataset Abstract:

Tasks and datasets for Matthew Lee

My Registries

Others

- [Y1.x076.000:0002.001] Surface Tracking Results for a single component fluid at the inlet
- [Y1.x076.000:0003.001] Simulation of single component jet in a crossflow
- [Y1.x080.000:0002.001] Discussant Dataset, Influence of communication, social networks, and contexts on coastal people of south Louisiana.
- [Y1.x080.000:0003.001] Respondent Dataset, Influence of communication, social networks, and contexts on coastal people of south Louisiana.
- [Y1.x081.000:0001.002] Analysis of Northern Gulf of Mexico Bacterioplankton Diversity
- [Y1.x090.000:0002.003] Matrix-assisted Laser Desorption Ionization Mass Spectrometry Images of Shrimp and Killifish
- [Y1.x090.000:0003.005] Developing a Library for Mass Spectrometry Identification of Gulf Shrimp.
- [Y1.x091.000:0001.004] Greenhouse emulsified oil salt marsh biodegradation study near Fourchon Beach and Leeville, LA, June 2010 through June 2011. Nutrient and Sulfate Data.
- [Y1.x091.000:0002.001] Greenhouse emulsified oil salt marsh biodegradation study near Fourchon Beach and Leeville, LA, June 2010 through June 2011. Crude oil component data.
- [Y1.x094.000:0002.002] Gulf of Mexico Incident Spreadsheet (Blowouts and other Well-related

Dataset Submission & Registration

Dataset File Transfer Details

Direct Upload Upload via SFTP/GridFTP Request Pull from HTTP/FTP Server ERDDAP TDS ...

For small datasets (<1 GB), you may upload the dataset file directly, using your web browser. Depending on the size of the file, this may take several minutes. The maximum time the system will wait for the file to upload is 10 minutes. For larger files, please consider using SFTP or GridFTP to upload the file.

Dataset File:

Choose File No file chosen



Metadata File Transfer Details

Direct Upload Upload via SFTP/GridFTP Pull from HTTP/FTP Server ERDDAP TDS ...

You may upload the metadata file directly, using your web browser.

Metadata File:

Choose File No file chosen



Register

- [R1.x141.064:0017.005] Dataset for: Ice Growth from Supercooled Aqueous Solutions of Benzene, Naphthalene, and Phenanthrene
- [R1.x141.064:0018.006] Dataset for: Ice Growth from Supercooled Aqueous Solutions of Reactive Oxygen Species
- [R1.x141.064:0019.003] Dataset for: Molecular simulations of green leaf volatiles and atmospheric oxidants on air/water interfaces
- [R1.x141.064:0020.004] Dataset for: Molecular Modeling of Green Leaf Volatile Methyl Salicylate on Atmospheric Air/Water Interfaces
- [R1.x141.064:0021.006] Dataset for: Adsorption of sodium dodecyl sulfate onto clathrate hydrates in the presence of salt
- [R1.x141.064:0022.006] Dataset for: The effect of hydrophobic nanoparticles on hydrate growth
- [R1.x141.064:0049.004] Interfacial Activity of Poly(Oligo(Ethylene Oxide)Monomethyl Ether Methacrylate) Coated Iron Oxide Nanoparticles Formed via the "Grafting Through" Method
- [R1.x141.065:0005.004] Dataset for: Tuning the Crystal Structure and Magnetic Properties of CoNiFeB thin films
- [R1.x141.065:0008.003] Movie file showing the mobilization of crude in a miniature packed bed
- [R1.x141.066:0010.004] Dataset for: Attachment of a Hydrophobically Modified Biopolymer at the Oil-Water Interface in the Treatment of Oil Spill
- [R1.x141.066:0011.005] Dataset for: The Response of Carbon Black Stabilized Oil-in-Water Emulsions to the Addition of Surfactant Solutions
- [R1.x141.066:0013.005] Dataset for: Influence of Anions and Alkyl Chain Lengths of N-Alkyl-n-(R)-12-Hydroxyoctadecyl Ammonium Salts on Their Hydrogels and Organogels

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ISO 19115-2 Metadata Editor

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GRIIDC ISO 19115-2 Metadata Editor

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ISO 19115-2 Metadata Editor

Ways to Use The Metadata Editor

(start with a blank form)

(load a file from your computer)

UDI:

URL:

[GRIIDC ISO 19115-2 Metadata Editor Version 13.08 Release Notes](#)

Metadata Editor Help

The GRIIDC Metadata Editor is a web application that generates ISO 19115-2 compliant metadata files in XML format. To generate a complete Metadata file, several fields in various sections must be completed in

GRIIDC ISO 19115-2 Metadata Editor

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[Dataset Contact](#) [Dataset Information](#) [Keywords](#) [Data Extent](#) [Distribution Info](#) [Distribution Contact](#) [Metadata Contact](#)

NOTE: Fields with * are required.

Dataset Contact

This section collects contact information about the person primarily responsible for the creation and maintenance of the dataset. Provides future researchers the means to contact the dataset originator if additional information is needed.

*Name	The name of the individual responsible for the creation of the majority of the dataset.
*Organization	Responsible individual's organization, generally this is the University and Department where this person resides. This information can be found at research.gomri.org
*Position	Position of the responsible individual within their organization, e.g., Assistant Professor.
	Resource Provider: Party that supplies the resource. Custodian: Party that accepts accountability and

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[Step 1: Identify the Dataset](#)

Dataset Submission Form

The GRIIDC Dataset Information Form (DIF) is a data management planning tool for both researchers and GRIIDC. DIFs should be completed soon after receiving GoMRI funding, during project planning and organization. DIFs are incorporated into the project Data Management Plan required by GRIIDC for GoMRI funded research projects. Information provided in the DIF will be used to pre-populate fields in subsequent steps of the dataset submission process.

ISO 19115-2 Metadata Editor

[Step 2: Submit & Register the Dataset](#)

DOI Request Form

Once your dataset has been collected or generated, you can submit it directly to GRIIDC through the GRIIDC Dataset Submission and Registration Form. Alternatively, if there is a disciplinary specific national data archive (e.g., NCBI GenBank) where the data is submitted and publicly available, the dataset's location can be provided to GRIIDC through the Dataset Submission and Registration Form.

[Step 3: Create Metadata](#)

Metadata, or standard information about your data, is required for all datasets submitted to GRIIDC. Researchers are encouraged to use the GRIIDC ISO 19115-2

Request a DOI

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Digital Object Identifier (DOI) Request Form

NOTE: A *Digital Object Identifier* (DOI) is a persistent unique identifier of an electronic dataset or document and recognized internationally. The DOI is used by GRIIDC as an alternate to dataset registration identifiers and can be used to resolve back to the data itself. The following form will allow you to submit the appropriate information to receive a DOI for your dataset or document. Once you have completed this form, your information will be sent to GRIIDC for approval, and once approved a DOI will be sent to you.

NOTICE: Fields preceded by an asterisk (*) are required inputs.

*Digital Object URL:



*Digital Object Creator(s):



*Digital Object Title:



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Dataset Monitoring

List by:

- ⊞ Year 5-7 Consortia Grants (RFP-IV)
- ⊞ Year 3-5 Investigator Grants (RFP-II)
- ⊞ Year 2-4 Consortia Grants (RFP-I)
 - Center for Integrated Modeling and Analysis of Gulf Ecosystems (C-IMAGE)
 - Coastal Waters Consortium (CWC)
 - Consortium for Advanced Research on Transport of Hydrocarbon in the Environment (CARTHE)
 - Consortium for the Molecular Engineering of Dispersant Systems (C-MEDS)
 - Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C)
 - Dispersion Research on Oil: Physics and Plankton Studies (DROPPS)
 - Ecosystem Impacts of Oil and Gas Inputs to the Gulf (ECOGIG)
 - Gulf of Mexico Integrated Spill Response Consortium (GISR)
- ⊞ Bridge Grants (RFP-III)
- ⊞ Year-One Block Grants
 - ⊞ Florida Institute of Oceanography (FIO)
 - ⊞ Louisiana State University (LSU)
 - ⊞ The Alabama Marine Environmental Science Consortium (MESOC)
 - ⊞ The Northern Gulf Institute (NGI)

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Dataset Monitoring

List by: **Research Award** ▾

- ⊕ Year 5-7 Consortia Grants (RFP-IV)
- ⊕ Year 3-5 Investigator Grants (RFP-II)
- ⊕ **Year 2-4 Consortia Grants (RFP-I)**
 - Center for Integrated Modeling and Analysis of Gulf Ecosystems (C-IMAGE)
 - Coastal Waters Consortium (CWC)
 - Consortium for Advanced Research on Transport of Hydrocarbon in the Environment (CARTHE)
 - Consortium for the Molecular Engineering of Dispersant Systems (C-MEDS)
 - Deepsea to Coast Connectivity in the Eastern Gulf of Mexico (DEEP-C)
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- ⊕ Bridge Grants (RFP-III)
- ⊕ Year-One Block Grants
 - ⊕ Florida Institute of Oceanography (FIO)
 - ⊕ Louisiana State University (LSU)
 - ⊕ The Alabama Marine Environmental Science Consortium (MESOC)
 - ⊕ The Northern Gulf Institute (NGI)

Datasets for: Year 2-4 Consortia Grants (RFP-I)

Center for Integrated Modeling and Analysis of Gulf Ecosystems (C-IMAGE) Project ID: 135

Funding Source: Year 2-4 Consortia Grants (RFP-I)

Principal Investigator: [Steven Murawski](#) - [University of South Florida](#)

Member Institutions: [Dauphin Island Sea Lab \(DISL\)](#), [Eckerd College](#), [Florida Fish and Wildlife Research Institute](#), [Florida Institute of Oceanography](#), [Mind Open Media](#), [Mote Marine Laboratory](#), [NHL University of Applied Sciences](#), [Pennsylvania State University](#), [Pensacola High School](#), [Research Association Berlin e.V.](#), [Technical University of Hamburg](#), [Texas A&M University](#), [University of Calgary](#), [University of California San Diego](#), [University of Miami](#), [University of South Alabama](#), [University of South Florida](#), [University of West Florida](#), [Van Hall Larenstein University](#), [Wageningen University](#)



Dataset with status: ● Available: 30 ● Registered: 2 ● Identified: 6

Total Datasets: 38

1. Near/Far Field Plume Modeling Task ID: 117

place your mouse over each icon for a description

UDI	Title	Identified	Registered	Metadata	Available
R1.x135.117:0001	Integral Model Results for Nearfield Plume	✓	✗	⊘	⊘
R1.x135.117:0002	Evolution of the Macondo Well Blowout: Simulating the Effects of the Circulation and Synthetic Dispersants on the	✓	✓	✓	✓

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Frequently Asked Questions

General

What is GRIIDC?

How is GRIIDC pronounced?

User Accounts

How do I contact GRIIDC?

What kind of data can be shared by and downloaded from the GRIIDC system?

Dataset Submission & Registration

How can I request new features to the system or report system problems?

How do I request a username or account for the GRIIDC system?

How do I reset my password?

Metadata

Do I need a GRIIDC account to download data?

Why should I submit my dataset to GRIIDC?

Data Management Plans

How do I upload or submit a dataset to GRIIDC?

As a GoMRI researcher, do I need to register my dataset with GRIIDC even when I have submitted my dataset to a recognized national repository?

Downloading and Using Data

As a GoMRI researcher, I have a project-based information system established; do I still need to upload the data to GRIIDC?

What is a dataset?

What do I do if my dataset includes multiple files?

Building the GRIIDC System

Can I submit data in Excel, MatLab or other common file formats?

What is a DIF and how does it differ from Dataset Registration and Submission?

When should I submit a dataset to GRIIDC?

Help – Data Management Plans

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[Data File Transfer Methods](#)

[Issue Tracking in JIRA](#)

Data Management Planning

A data management plan describes data that will be created and generated by a project, and how this data will be organized, managed and stored throughout the course of project. Good data management prevents researchers from losing data and reduces the creation of redundant data. It also ensures high quality data that can be reused for other purposes and shared with other researchers. An effective data management plan will help researchers identify, organize, document and store data to facilitate sharing through GRIIDC or another data archive. The resources listed below include GRIIDC's data management plan, and the data management plans of GoMRI Research Consortia funded through RFP-I. The GRIIDC DMP Template provides a checklist of questions and information that should be addressed in a data management plan. This template is also available online through the [University of California Digital Library DMPTool](#).

Data Management Planning Resources

- [GRIIDC Data Management Plan](#)
- [GRIIDC Data Management Plan Template for Research Consortia - 2015](#)
- [How to write a Data Management Plan for the Gulf of Mexico Research Initiative Information & Data Cooperative](#)
- [Consortium for Advanced Research on Transport of Hydrocarbon in the Environment \(CARTHE\) Data Management Plan](#)
- [Center for Integrated Modeling and Analysis of Gulf Ecosystems \(C-IMAGE\) Data Management Plan](#)

Help – Training & User Guides

Data Management Planning

2015 Oil Spill and Ecosystem Science Conference
February 16-19, 2015, the Westin Galleria – Houston, Houston, Texas
All GRIIDC workshops will be held in the West Alabama Room

Training & User Guides

February 17, 2015
Introduction to GoMRI Data Management, 10:15 – 10:45 am
GRIIDC System Walkthrough, 3:30 – 4:00 pm













Data File Transfer Methods

February 18, 2015
Metadata Development & Best Practices, 8:00 – 8:30 am
Introduction to GoMRI Data Management, 10:00 – 10:30 am
GRIIDC System Walkthrough, 3:00 – 3:30 pm

Issue Tracking in JIRA

February 19, 2015
Metadata Development & Best Practices, 10:00 – 10:30 am

GRIIDC System User Guides & Data Management Resources

-  [Dataset Information Form \(DIF\) User Guide](#)
-  [GRIIDC Data Submission Quick Guide](#)
-  [GRIIDC Dataset Submission and Registration User Guide](#)
-  [GRIIDC Guide to Metadata](#)
-  [GRIIDC Dataset Monitoring User Guide](#)
-  [GRIIDC Spatial Wizard User Guide](#)
-  [GRIIDC DOI Request User Guide](#)
-  [GRIIDC Data Management Best Practices Guide](#)
-  [GRIIDC Research Consortia Data Manager Roles & Responsibilities](#)
-  [GRIIDC Compendium of Online Data Management Training Resources](#)
-  [GRIIDC Research Consortium Data Management Plan Template – 2015](#)
-  [How to write a Data Management Plan for the Gulf of Mexico Research Initiative Information & Data Cooperative](#)

Help – Data File Transfer Methods

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To submit datasets to the GRIIDC data management system, a dataset must first be identified through an approved Dataset Information Form (DIF). The dataset can then be registered and submitted to GRIIDC through the Dataset Submission and Registration form. The Dataset Submission and Registration form allows you to submit a dataset file to the GRIIDC system using different methods. The method you will use depends on the size of the dataset file and your technical abilities and experience. **For a dataset file that is less than 2 GB in size, GRIIDC recommends using the Direct Upload method to submit your file; this method does not require any specialized software or technical expertise.** Other methods to submit or register a dataset file to GRIIDC are described below. Please contact GRIIDC if you have questions or concerns about what method you should use to submit your dataset.

HTTP (website)

HTTP can be used to register a dataset file that has been submitted to a National Data Archive Center or that is available on a public website. Alternatively, your institution may have a public HTTP site where you can place your dataset file. Contact your institutional IT department to determine if a public HTTP server is available for this purpose. Due to differences in institutional policies and procedures, GRIIDC is unable to assist users in establishing websites and HTTP servers or provide support for these servers once established.

Once your dataset file is on a website, visit the GRIIDC Dataset Submission and Registration form to register your dataset with GRIIDC. Select the “Request Pull from